



92/ Jfr

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2822

Application No.: 09/856,627

Examiner: I. SOWARD

Filed: May 24, 2001

Docket No.: 109609

For: INTERCONNECT SUBSTRATE, SEMICONDUCTOR DEVICE, METHODS OF  
FABRICATING, INSPECTING, AND MOUNTING THE SEMICONDUCTOR DEVICE,  
CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

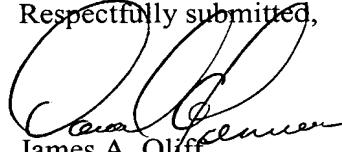
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto.

- ☒ 3. A computer-generated English translation of the following Japanese references has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 4, 5, 8 and 9.
- ☒ 4. Reference 11 (EP 1 041 633 A1) corresponds to Reference 10 (WO 001/14801).

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Daniel A. Tanner, III  
Registration No. 54,734

JAO:DAT/jfb

Date: September 14, 2004

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**

Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.

APPLICATION NO.

109609

09/856,627

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Nobuaki HASHIMOTO

FILING DATE

May 24, 2001

GROUP

2822

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	1	JP-U-58-153470 (w/Abstract)	10/14/1983	JAPAN		
	2	JP-U-5-55571 (w/Abstract)	07/23/1993	JAPAN		
	3	JP-A-52-135066 (w/Abstract)	11/11/1977	JAPAN		
	4	JP-A-10-256788 (w/Abstract & Translation)	09/25/1998	JAPAN		
	5	JP-A-11-069241 (w/Abstract & Translation)	03/09/1999	JAPAN		
	6	JP-A-62-260353 (w/Abstract)	11/12/1987	JAPAN		
	7	JP-A-62-191149 (w/Abstract)	08/21/1987	JAPAN		
	8	JP-A-11-040618 (w/Abstract & Translation)	02/12/1999	JAPAN		
	9	JP-A-05-144998 (w/Abstract & Translation)	06/11/1993	JAPAN		
	10	WO 00/14801 (w/Abstract)	03/16/2000	WIPO		
	11	EP 1 041 633 A1	10/04/2000	EUROPE		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 14, 2004